

01/04/02



JC638 U.S. PTO

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JC638 U.S. PTO
10/035247



27849

PATENT TRADEMARK OFFICE

TO: Assistant Commissioner for Patents
Box Patent Applications
Washington D.C. 20231

Attorney Docket No. 262/009

UTILITY PATENT APPLICATION TRANSMITTAL
(new nonprovisional applications under 37 CFR 1.53(h))

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Sang Hyun YI; Young Nam KIM

TITLE: SEMICONDUCTOR DEVICE HAVING NO CRACKS IN ONE
OR MORE LAYERS UNDERLYING A METAL LINE LAYER
AND METHOD OF MANUFACTURING THE SAME

In connection with this application, the following are enclosed:

APPLICATION ELEMENTS:

X Specification, Claims, Abstract - 21 TOTAL PAGES
(preferred arrangement:)

- Descriptive Title of the Invention
- Cross Reference to Related Applications
- Statement Regard Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

X Drawings - Total Sheets 17 (depicting Figures 1, 2A, 2B, 3A, 3B, 4A, 4B, 4C, 4D,
and 5-16.)

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- ☒ Declaration and Power of Attorney - Total Sheets 2
- ☒ Newly executed (original)
- ☐ Copy from a prior application (37 CFR 1.63(d))
(relates to continuation/divisional boxes completed) - NOTE: Box below
- ☐ **DELETION OF INVENTOR(S)** - Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ **Incorporation By Reference** (useable if copy of prior application Declaration being submitted)

The entire disclosure of the prior application, from which a COPY of the oath or declaration is supplied as noted above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

- ☐ Microfiche Computer Program (Appendix)
- ☐ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- ☐ Computer Readable Copy
- ☐ Paper Copy (identical to computer copy)
- ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

- ☒ Assignment Papers (cover sheet & document(s))
- ☐ 37 CFR 3.73(b) Statement (when there is an assignee)
- ☐ English Translation Document (if applicable)
- ☒ Information Disclosure Statement(IDS) with PTO-1449. ☒ Copies of IDS Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)
- ☐ Small Entity Statement(s)
☐ Statement file in prior application, status still proper and desired.
- ☒ Certified Copy of Priority Document(s) with Claim of Priority
(if foreign priority is claimed).
- ☒ OTHER: Deposit Account Charge Authorization [Deposit Account No. 5-01654]

If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)
of prior application Serial No. ☐
- ☐ Amend the specification by inserting before the first line the following sentence:
-- This application is a ☐ continuation, ☐ divisional or ☐ continuation-in-part of application
Serial No. ☐, filed ☐ --

CORRESPONDENCE ADDRESS:

The Law Offices of Eugene M Lee, PLLC - address noted above.
Telephone: (703) 525-0978
Fax Number: (703)-525-4265

FEE CALCULATIONS:

(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$ 740.00
Total Claims	28 - 20 =	8	x \$18	144.00
Independent Claims	7 - 3 =	4	x \$84	336.00
Multiple Dependent Claims			\$280	-
Assignment Recording Fee per property			\$40	40.00
TOTAL FEE:				\$ 1,260.00

METHOD OF PAYMENT:

Authorization is hereby given to charge payment of the statutory filing and assignment recordation fees to Deposit Account No. 5-01654.

Respectfully submitted,



Eugene M. Lee
Reg. No. 32,039

Date: January 4, 2002

20035247-010402

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CHANGE OF CORRESPONDENCE ADDRESS Application

Address to:
Assistant Commissioner for Patents
Washington, D.C. 20231

Application Number	
Filing Date	January 4, 2002
First Named Inventor	YI
Art Unit	
Examiner Name	
Attorney Docket Number	262/009

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I am the :

- ☐ Applicant/Inventor.
- ☐ Assignee of record of the entire interest.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or Agent of record.
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number _____

Typed or Printed Name Eugene M. Lee, Reg. No. 32039

Signature

Date

January 4, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of _____ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.